

WHAT IS CLAIMED IS:

1 1. A spilt lot ID naming system for creating an exclusive
2 ID for a split lot in a multiple-plant enterprise, wherein the
3 split lot originates from an initial lot which begins
4 processing at an initial plant, comprising:

5 a main ID unit which assigns a main code to a split lot;

6 a split ID unit identifying in which plant the split lot
7 is divided and when the split lot is divided in the initial plant,
8 assigns a split code to the split lot following the main code,
9 or when the split lot is not divided in the initial plant,
10 assigns a plant code and a split code to the split lot following
11 the main code; and

12 a lot data unit for storing the lot ID created from the
13 main ID unit and the split ID unit.

1 2.The spilt lot ID naming system of claim 1, wherein the
2 main ID unit assigns the split lot the main code which is
3 identical to the ID of the initial lot.

1 3.The spilt lot ID naming system of claim 1, wherein the
2 plant code is the given numeric code representing the plant.

1 4.The spilt lot ID naming system of claim 1, wherein the
2 plant code is the given alphabetic code representing the plant.

3 5.The spilt lot ID naming system of claim 1, wherein the
4 split code is assigned in numeric sequence.

1 6.The spilt lot ID naming system of claim 1, wherein the
2 split code is assigned in alphabetic sequence.

1 7.A spilt lot ID naming method for or creating an exclusive
2 ID for a split lot in a multiple-plant enterprise, wherein the
3 split lot is originated from an initial lot which begins
4 processing at an initial plant, comprising the steps:

5 assigning a main code to a split lot;

6 identifying in which plant the split lot is divided;

7 assigning a split code to the split lot according to a
8 sequence when the split lot is divided in the initial plant;
9 or

10 assigning a plant code and a split code according to a
11 sequence to the split lot when the split lot is not divided in
12 the initial plant; and

13 storing the main code, the split code and/or the plant code
14 of the split lot for lot administration.

1 8.The spilt lot ID naming method of claim 7, wherein the
2 ID of the initial lot is assigned as the main code of the split
3 lot.

1 9.The spilt lot ID naming method of claim 7, wherein the
2 plant code is the given numeric code representing the plant.

1 10.The spilt lot ID naming method of claim 7, wherein the
2 plant code is the given alphabetic code representing the plant.

1 11.The spilt lot ID naming method of claim 7, wherein the
2 split code is assigned in numeric sequence.

1 12.The spilt lot ID naming method of claim 7, wherein the
2 split code is assigned in alphabetic sequence.